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To the Federal Communications Commission
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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

E R R A T A

Replacing Page 1
Inserting words left out of paragraph 2.

Appendix A, Paragraph E
The word "limiting" should be "clipping".

Appendix A, Paragraph I
Degrees symbol added.

ET Docket No. 92-298 /)
Comments of James Dorrence)

4-25-93

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Before the
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FEDERAL COMMUNICATIONS COMMISSION
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In the matter of)
)
Amendment of the Commission's)
Rules to Establish a Single AM)
Radio Stereophonic Transmitting)
Equipment Standard)

ET Docket No. 92-298

To: THE COMMISSION

COMMENTS OF JAMES DORRENCE

This comment is that it is premature to select any Stereo-AM system until the following are accomplished:

- (a) Setting new AM transmission system standards which incorporate more parameters and tighten existing parameters,
- (b) Setting receiver standards,
- (c) Changing the allowed spectrum of AM stations to fully protect the sideband,
- (d) Accomplishing (c) by adopting compatible single sideband transmission,
- (e) Determining which system(s) can meet the above, and
- (f) Considering going to 9 kHz channel spacing.

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1. We should, first, pay our respects to all the Stereo-AM pioneers who struggled with the several systems, going back to about 1962. They all merit our appreciation. Also, members and observers of the proceedings of the National A M Stereo Radio Committee. A SALUTE to all of them.

2. This comment calls for the Commission to, not only approve a Stereo-AM service for the Medium Wave AM Broadcast Band, but to also reach for the limits of what can be done now, in 1993 possibilities, with available audio sources such as Compact Discs (CD), Digital Audio Tape (DAT) and high quality audio from land microwave equipment and satellites. That is, to establish a state-of-the-art Stereo-AM system. To do so would make the AM service, in most ways, superior to present day stereo on FM. This is our challenge.

Corrected

APPENDIX A

Proposed Goals for Transmission Standards

A. Compatible Single Sideband Transmission.

B Flat Audio Bandpass to about 8 kHz, with a roll-off above 8 kHz or 8.5 kHz,

C. Harmonic Distortion of the Transmitter/Antenna not to exceed 0.1% at any